****	Hits	Search Text		DBs	Time 8t
1	1		USPAT; US-I	PGPUB	2002/12/
2	1		USPAT; US-I		2002/12/
3	12	(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash) ab.) and ((lightly adj doped) adj drain) and (floatin	USPAT; US-I	PGPUB	2002/12/
4	4	*6330187**	USPAT; US-I	PGPUB	2002/12/
5	2	*6297098*	USPAT; US-I	PGPUB	2002/12
6	1		USPAT		2002/12
7	15	(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and (((lightly adj doped) adj drain) with (belo	USPAT; US-I	PGPUB	2002/12
8	0	(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and (floating adj gate) and ("not" adj (surfac	USPAT; US-1	PGPUB	2002/12
9	30	(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and (floating adj gate) and ((257/221.ccls.)	USPAT; US-I	PGPUB	2002/12
10	Ò	(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and (floating adj gate) and ((257/221.ccls.)	USPAT; US-I	PGPUB	2002/12
11	5	*5646430 *	USPAT; US-I	PGPUB	2002/12
12	13	("4163985"	USPAT; US-I	PGPUB	2002/12
13	20	*4680603 *	USPAT; US-I	PGPUB	2002/12
		(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and (floating adj gate) and ((257/221.ccls.)			2002/12
15	11	(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and ((oblique or angle or angled) with (Idd or	USPAT; US-I	PGPUB	2002/12
16		(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and ((increase or increased or increasing) wi			2002/12
17	1	(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and ((increase or increased or increasing) wi	USPAT; US-I	PGPUB	2002/12
18			USPAT; US-I	PGPUB	2002/12
19	1	(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and "5650340"	USPAT; US-I	PGPUB	2002/12
20	1	*5427963*.PN.	USPAT		2002/12
21	1	*5485423*.PN.	USPAT		2002/12
22	1	"5486480".PN.	USPAT		2002/12
23	1	*5607869*.PN.	USPAT		2002/12
24	1	"5650340".PN.	USPAT		2002/12
25	1	*5763312*.PN.	USPAT		2002/12
26	1	*5854108*.PN.	USPAT		2002/12
	5		USPAT; US-I		2002/12
28	7	(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash) with asymmetric) and ((257/221.ccls.) or (257/2	USPAT; US-I	PGPUB	2002/12
29	10		USPAT; US-I		2002/12
		(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and ((embedded or buried) adj (Idd or (light)			2002/12
31		((non\$1volatile or eprom or eeprom or flash) with asymmetric) and ((257/221.ccls.) or (257/285.ccls.) or (257/403.ccls.) or (25			2002/12
		((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((protruding or protrude or extend or extending or ext			2002/12
33		((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((Idd or ((lightly\$1doped or (lightly adj doped)) adj dra			2002/12
34		((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((stick or sticking) adj (Idd or ((lightly\$1doped or (ligh			2002/12
35		(((non\$1volatile with (semiconductor or memory)) or eprom or eeprom or flash).ab.) and ((increase or increased or increasing) wi			2002/12
36	11	(((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((protruding or protrude or extend or extending or ex	USPAT; US-I	PGPUB	2002/12
37		(((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((protruding or protrude or extend or extending or ex			2002/12
10000		((non\$1 volatile or eprom or eeprom or flash)) and ((buried or embedded) with halo) and ((257/\$.ccls) or (438/\$.ccls.) or (365/\$.			2002/12
39		((non\$1volatile or eprom or eeprom or flash)) and (left with drain with halo) and ((257/\$.ccls) or (438/\$.ccls.) or (365/\$.ccls.))			2002/12
THE PERSON		((non\$1volatile or eprom or eeprom or flash)) and (halo with ((beneath or under or below) adj drain)) and ((257/\$.ccls) or (438/\$.			2002/12
41		((non\$1volatile or eprom or eeprom or flash)) and (halo with ((beneath or under or below) adj channel)) and ((257/\$.ccls) or (43			2002/12
42		(non\$tvolatile or eprom or eeprom or flash)) and (pocket with ((beneath or under or below) adj channel)) and ((257/\$.ccls) or (2002/12
43 44		((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((protruding or protrude or extend or extending or ext	USPAT; US-I		2002/12
rar 🗆		(Inona trinignia or comm or common of floor or (ricotine del retail) on 1 and (5.7/11776 Unit and 1746919913"))	11/08/11/08	U1 2U1 112	300343

44			DBs	Time 8ta
1			; US-PGPUB	2002/12/0
1			; US-PGPUB	2002/12/0
1	į	USPAT	•	2002/12/0
49 1 "5337274" PN	į	USPAT	•	2002/12/0
50 1 "5414287" PN. 51 1 "5656838" PN. 52 1 "5719425" PN. 53 1 "5719425" PN. 53 1 "5729425" PN. 54 1 "5729425" PN. 55 1 "5780341" PN. 56 9 "60038881" 57 11 (ODANAKA and SHINJI) in. and (floating adj gate) 59 17 "6051860" 59 11 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((ODANAKA ar 60 1 "5502321" PN. 61 1 "5982668" PN. 62 1 "5477072" PN. 63 2 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((halo or pock 64 0 (non\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((halo or pock 65 3 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((halo or pock 66 9 (non\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((halo or pock 67 1 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((halo or pock 68 9 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((halo or pock 69 1 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((halo or pock 69 3 (floating adj (gate or electrode)) and ((doping or impurity) adj (loeneath or below or under) 69 3 (floating adj (gate or electrode)) and (((edge) adj channel) with (n\$1type or (n adj type))) 70 3 (floating adj (gate or electrode)) and (((middle or center) with drain) with (n\$1type or (n adj type))) 71 21 (floating adj (gate or electrode)) and ((mitted or center) with drain) with (n\$1type or (n adj type)) 72 1 "5547898" PN. 73 1 "5514880" PN. 74 1 "5514880" PN. 75 1 "5710448" PN. 90 1 "5748839" PN. 91 1 "5748839" PN. 92 1 "5789787" PN. 93 1 "570947" PN. 94 10 (floating adj (gate or electrode)) and ("5652880" "5773863" "5780912") 95 2 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 96 1 "60ating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 97 2 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 98 10 (floating adj (gate or electrode)) and ("6008080"	i l	USPAT	•	2002/12/0
51 "5656839" PN.		USPAT	•	2002/12/0
52 1 "5719425" PN. 53 1 "5721442" PN. 55 1 "5721442" PN. 55 1 "5721442" PN. 56 9 "60038881" 57 11 (ODANAKA and SHINJI) in. and (floating adj gate) 58 17 "6051860" 59 11 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((ODANAKA ar 60 1 "5502321" PN. 60 1 "5502321" PN. 61 1 "5502321" PN. 62 1 "5477072" PN. 63 2 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 60 1 "6477072" PN. 63 2 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 60 1 "6477072" PN. 63 3 (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 60 1 "6477072" PN. 63 4 (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 60 1 "6477072" PN. 63 5 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 60 1 "6477072" PN. 64 0 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 60 1 "6477072" PN. 65 1 ((non\$1) adj (gate or electrode)) and (((doping or impurity) adj ((beneath or below or under ((halo or pock of 60 1 "6477072") All ((noting adj (gate or electrode)) and (((middle or center) with (n\$1type or (n adj type))) 65 1 (floating adj (gate or electrode)) and (((middle or center) with drain) with (n\$1type or (n adj type)) 66 1 "5547888" PN. 67 1 "5547888" PN. 68 1 "578988" PN. 69 1 "578998" PN. 60 1 "578998" PN. 61 "578998" PN. 62 1 "578998" PN. 63 1 "578998" PN. 64 1 "578998" PN. 65 2 "678998" PN. 66 1 "578998" PN. 67 1 "578998" PN. 68 1 "578998" PN. 69 2 1 "578998" PN. 60 1 "578998" PN. 61 "578998" PN. 62 1 "578998" PN. 63 1 "578998" PN. 64 10 ((loating adj (gate or electrode)) and ("5652880" "5773863" "5780912"). 65 2 (floating adj (gate or electrode)) and "6008080" 66 1 (floating adj (gate or electrode)) and "6008080"		USPAT	•	2002/12/0
\$\frac{5}{3}\$ 1 "5747849".PN. \$\frac{5}{4}\$ 1 "5721442".PN. \$\frac{5}{5}\$ 1 "5780341".PN. \$\frac{5}{5}\$ 1 "50038881" \$\frac{7}{7}\$ 11 (ODANAKA and SHINJI) in. and (floating adj gate) \$\frac{7}{7}\$ 11 (ODANAKA and SHINJI) in. and (floating adj gate) \$\frac{7}{7}\$ 11 (ODANAKA and SHINJI) in. and (floating adj gate) .ab.) and ((ODANAKA and	į	USPAT	•	2002/12/0
5721442".PN.	į	USPAT	•	2002/12/0
"5780341" PN.		USPAT	•	2002/12/0
56 9 "60038981" 11 (ODANAKA and SHINJI).in. and (floating adj gate) 17 "6051860" 17 "6051860" 18 17 "5502321" PN. 19 15502321" PN. 19 1 "5592321" PN. 19 1 "5982669" PN. 19 1 "5982669" PN. 19 1 "571072" PN. 10 1 "5982669" PN. 10 1 "570772" PN. 10 1 "5982669" PN. 10 1 "570772" PN. 10 1 "5982669" PN. 10 1 "5514888" PN. 10 1 "5514888" PN. 10 1 "5574888" PN. 10 1 "5574888" PN. 10 1 "5710448" PN. 10 1 "5780912" PN. 1 "5780912" PN. 10 1 "578091	l	USPAT	•	2002/12/0
11 (ODANAKA and SHINJI) in. and (floating adj gate) 17 "605 1860" 19 (Inon\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((ODANAKA ar 5502321".PN. 1 "5982669".PN. 1 "5982669".PN. 1 "5477072".PN. 2 (Inon\$1volatile or eprom or eeprom or flash or (floating adj gate)) ab.) and ((Inalo or pock as a construction of the construction of		USPAT		2002/12/0
59 17 "6051860" 59 11 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((ODANAKA ar 60 1 "5502321" PN. 61 1 "598266" PN. 62 1 "5477072" PN. 63 2 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 64 0 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 65 3 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 66 9 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 67 1 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 68 3 (floating adj (gate or electrode)) and ((doping or impurity) adj ((beneath or below or under) adj channel) with (n\$1 (floating adj (gate or electrode)) and (((edge) adj channel) with (n\$1 (n\$1 (pen) 1) (floating adj (gate or electrode)) and ((middle or center) with drain) with (n\$1 (n\$1 (pen) 1) (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or 73 5 (floating adj (gate or electrode)) and (burrin) (floating adj (gate or electrode)) and (burrin) (floating adj (gate or electrode)) and (5622880" "5719422") (floating adj (gate or electrode)) and (5622880" "5719422") "5547888" PN. 78 1 "5547888" PN. 79 1 "5744838" PN. 90 1 "5744839" PN. 91 "5740449" PN. 92 1 "5789912" PN. 93 1 "5789912" PN. 94 1 "5789912" PN. 95 1 "5789912" PN. 96 1 "5789912" PN. 97 1 "5804477" PN. 98 1 "5789912" PN. 98 1 "5789912" PN. 99 1 "579898" PN. 90 1 "5789912" PN. 91 "5789912" PN. 92 1 "5789912" PN. 93 1 "5789912" PN. 94 1 "6008080" "5773863" "5780912") (floating adj (gate or electrode)) and ("5808080" "5773863" "5780912") (floating adj (gate or electrode)) and "6008080" "5773863" "5780912") (floating adj (gate or electrode)) and "6008080"		EPO; J	PO; DERWENT; IBM_	2002/12/0
11 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((ODANAKA ar 60 1 *5502321*PN. 61 1 *5992669*PN. 62 1 *5477072*PN. 63 2 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 62 1) *6477072*PN. 63 2 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 63 3) ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 64 0) (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 65 1) ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 65 1) ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 65 1) ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 67 1) ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of 68 3) (floating adj (gate or electrode)) and (((oping or impurity) adj ((beneath or below or under) adj channel) with (n\$11vpe or (n adj type))) 2 (floating adj (gate or electrode)) and (((edge) adj channel) with (n\$1type or (n adj type))) 2 (floating adj (gate or electrode)) and (((multi or multiple) adj (ion or implant or implanting or 15472899*PN. 6 (floating adj (gate or electrode)) and (burr.in) 7 (floating adj (gate or electrode)) and ("5622880" "5719422") 7 (floating adj (gate or electrode)) and ("5622880" "5719422") 7 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 8 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 9 (floating adj (gate or electrode)) and ("5630340" "5773863" "5780912") 9 (floating adj (gate or electrode)) and ("6008080" "5773863" "5780912") 9 (floating adj (gate or electrode)) and "6303454"		USPAT	; US-PGPUB	2002/12/0
60 1 "5592321" PN. 61 1 "5982668" PN. 62 1 "5477072" PN. 63 2 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock of (floating adj (gate or electrode)) and ((doping or impurity) adj (beneath or below or under) adj channel) with (n\$1 (floating adj (gate or electrode)) and (((edge) adj channel) with (n\$1 type or (n adj type))) 73 (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or (floating adj (gate or electrode)) and (burr.in.) 73 (floating adj (gate or electrode)) and ("5622880" "5719422") 74 ("5514880" PN. 75 ("5514880" PN. 76 ("5514880" PN. 77 ("5744839" PN. 78 ("5744839" PN. 79 ("578978" PN. 79 ("578978" PN. 79 ("578978" PN. 79 ("578978" PN. 79 ("60ating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 79 ("60ating adj (gate or electrode)) and ("6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080"		USPAT	: US-PGPUB	2002/12/0
5982669*PN.	and SHINJI).in.)	USPAT	: US-PGPUB	2002/12/0
1 "5982669" PN. 1 "5477072" PN. 2 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (floating adj (gate or electrode)) and ((doping or impurity) adj ((beneath or below or under) (floating adj (gate or electrode)) and (((ledge) adj channel) with (n\$1type or (n adj type))) 1 (floating adj (gate or electrode)) and ((multi or multiple) adj (lon or implant or implanting or (floating adj (gate or electrode)) and ((multi or multiple) adj (lon or implant or implanting or (floating adj (gate or electrode)) and (burr.in.) 1 (floating adj (gate or electrode)) and (burr.in.) 2 (floating adj (gate or electrode)) and ("5622880" "5719422") 3 (floating adj (gate or electrode)) and ("5622880" "5719422") 3 (floating adj (gate or electrode)) and ("5630340" "5773863" "5780912") 4 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 5 (floating adj (gate or electrode)) and ("6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "6008080" "600800" "6008080" "600800" "6008080" "600800		USPAT		2002/12/0
62 1 *5477072* PN. 63 2 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 64 0 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 65 3 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 66 9 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 67 1 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 68 3 (floating adj (gate or electrode)) and ((doping or impurity) adj ((beneath or below or under) 69 8 (floating adj (gate or electrode)) and (((beneath or below or under) adj channe)) with (n\$1 (floating adj (gate or electrode)) and (((edge) adj channe)) with (n\$1 (ype or (n adj ype))) 71 21 (floating adj (gate or electrode)) and (((multi or multiple) adj (ion or implant or implanting or 72 31 (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or 73 5 (floating adj (gate or electrode)) and (burr.in) 74 6 (floating adj (gate or electrode)) and (burr.in) 75 1 *5472898* PN. 76 1 *5514880* PN. 77 1 *5547889* PN. 78 1 *5625217* PN. 79 1 *5740449* PN. 80 1 *5740449* PN. 81 1 *5789912* PN. 82 1 *5789912* PN. 83 1 *5789912* PN. 84 10 (floating adj (gate or electrode)) and (*5650340* *5773863* *5780912*) 85 2 (floating adj (gate or electrode)) and (*6008080*) 86 1 (floating adj (gate or electrode)) and (*6008080*)		USPAT	•	2002/12/0
((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 3 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 6) ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 6) ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 6) ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 6) ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 6) (floating adj (gate or electrode)) and ((doping or impurity) adj ((beneath or below or under) adj channel) with (n\$1) (floating adj (gate or electrode)) and (((middle or center) with (n\$1) (floating adj (gate or electrode)) and ((middle or center) with drain) with (n\$1) (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or 1) (floating adj (gate or electrode)) and (burr.in.) (floating adj (gate or electrode)) and (burr.in.) (floating adj (gate or electrode)) and ("5622880" "5719422") (514880" PN. 7514880" PN. 7514880" PN. 7514880" PN. 7514883" PN. 7514883" PN. 7514883" PN. 7514883" PN. 7514883" PN. 7514847" PN. 751484787" PN. 7514847" PN. 7514847" PN. 7514847" PN. 7514847" PN. 7514		USPAT	•	2002/12/
64 0 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and (((halo or pock 65 3 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 66 9 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 67 1 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock 68 3 (floating adj (gate or electrode)) and ((doping or impurity) adj ((beneath or below or under) 89 8 (floating adj (gate or electrode)) and (((beneath or below or under) adj channel) with (n\$11ype or (n adj type))) 2 1 (floating adj (gate or electrode)) and (((edge) adj channel) with (n\$1type or (n adj type))) 2 1 (floating adj (gate or electrode)) and (((multi or multiple) adj (ion or implant or implanting or 6 (floating adj (gate or electrode)) and ((burr.in.)) 1 *5472899* PN. 75 1 *5514880* PN. 76 1 *5514880* PN. 77 1 *5547888* PN. 78 1 *5710448* PN. 90 1 *5744839* PN. 90 1 *5744839* PN. 91 *5744839* PN. 92 1 *5789912* PN. 93 1 *5789912* PN. 94 10 (floating adj (gate or electrode)) and (*5650340* *5773863* *5780912*) 95 (floating adj (gate or electrode)) and (*5650340* *5773863* *5780912*) 96 (floating adj (gate or electrode)) and (*5650340* *5773863* *5780912*) 97 (floating adj (gate or electrode)) and (*5650340* *5773863* *5780912*) 98 (floating adj (gate or electrode)) and (*5650340* *5773863* *5780912*) 98 (floating adj (gate or electrode)) and (*56303454*	ket) with ((below or beneath or under) a l	USPAT	: US-PGPUB	2002/12/
((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock (non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock floating adj (gate or electrode)) and ((doping or impurity) adj ((beneath or below or under) adj channel) with (n\$1volating adj (gate or electrode)) and (((loeneath or below or under) adj channel) with (n\$1type or (n adj type))) (floating adj (gate or electrode)) and (((multi or multiple) adj (ion or implant or implanting or (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or (floating adj (gate or electrode)) and (burr.in.) (floating adj (gate or electrode)) and (burr.in.) (floating adj (gate or electrode)) and ("5622880" "5719422") (floating adj (gate or electrode)) and ("5622880" "5719422") (floating adj (gate or electrode)) and ("5622880" "5719422") (floating adj (gate or electrode)) and ("5630340" "5773863" "5780912") (floating adj (gate or electrode)) and ("5630340" "5773863" "5780912") (floating adj (gate or electrode)) and "6008080" (floating adj (gate or electrode)) and "6008080" (floating adj (gate or electrode)) and "6008080"				2002/12/
66 9 ((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock floating adj gate)).ab.) and ((halo or pock floating adj gate)).ab.) and ((halo or pock floating adj gate)).ab.) and ((halo or pock floating adj gate)).ab.) and ((halo or pock floating adj gate)).ab.) and ((halo or pock floating adj (gate or electrode)) and ((doping or impurity) adj ((beneath or below or under) adj channel) with (n\$1 floating adj (gate or electrode)) and (((loege) adj channel) with (n\$1 floating adj (gate or electrode)) and (((middle or center) with drain) with (n\$1 floating or floating adj (gate or electrode)) and (((middle or center) with drain) with (n\$1 floating or floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or floating adj (gate or electrode)) and (burr.in.) 74 6 (floating adj (gate or electrode)) and ("5622880" "5719422") 75 1 "5514880" PN. 77 1 "5547888" PN. 78 1 "5525217" PN. 79 1 "5740449" PN. 80 1 "5740449" PN. 81 1 "5780912" PN. 82 1 "578978" PN. 83 1 "580447" PN. 84 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 85 2 (floating adj (gate or electrode)) and "6008080" 86 3 (floating adj (gate or electrode)) and "6008080"				2002/12/
((non\$1volatile or eprom or eeprom or flash or (floating adj gate)).ab.) and ((halo or pock floating adj (gate or electrode)) and ((doping or impurity) adj ((beneath or below or under) adj (floating adj (gate or electrode)) and (((beneath or below or under) adj channel) with (n\$11) (floating adj (gate or electrode)) and (((edge) adj channel) with (n\$11) per or (n adj type))) (floating adj (gate or electrode)) and (((middle or center)) with drain) with (n\$11) per or (n adj type)) (floating adj (gate or electrode)) and ((multi or multiple)) adj (ion or implant or implanting or floating adj (gate or electrode)) and (burr.in.) (floating adj (gate or electrode)) and (burr.in.) (floating adj (gate or electrode)) and ("5622880" "5719422") (floating adj (gate or electrode)) and ("5622880" "5719422") (floating adj (gate or electrode)) and ("5622880" "5719422") (floating adj (gate or electrode)) and ("5630340" "573863" "5780912") (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") (floating adj (gate or electrode)) and "6008080" (floating adj (gate or electrode)) and "6008080"				2002/12/
69 3 (floating adj (gate or electrode)) and ((doping or impurity) adj ((beneath or below or under) 69 8 (floating adj (gate or electrode)) and (((beneath or below or under) adj channel) with (n\$10 70 3 (floating adj (gate or electrode)) and (((edge) adj channel) with (n\$10 ype or (n adj type))) 71 (floating adj (gate or electrode)) and (((midle or center) with drain) with (n\$10 ype or (n adj type)) 72 31 (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or decision) 73 5 (floating adj (gate or electrode)) and (burr.in.) 74 6 (floating adj (gate or electrode)) and (burr.in.) 75 1 "5547889" PN. 76 1 "5514880" PN. 77 1 "5547888" PN. 78 1 "5514880" PN. 79 1 "5710449" PN. 90 1 "5744839" PN. 91 1 "5744839" PN. 92 1 "574978" PN. 93 1 "580912" PN. 94 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 95 2 (floating adj (gate or electrode)) and "6008080"				2002/12/
(floating adj (gate or electrode)) and (((dege) adj channel) with (n\$1:) 3			: US-PGPUB	2002/12/
70 3 (floating adj (gate or electrode)) and (((edge) adj channel) with (n\$1type or (n adj type))) 71 21 (floating adj (gate or electrode)) and (((middle or center) with drain) with (n\$1type or (n ad 73 16 (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or 73 16 (floating adj (gate or electrode)) and (burr.in.) 74 6 (floating adj (gate or electrode)) and ("5622880" "5719422") 75 1 "547289" PN. 76 1 "5514880" PN. 77 1 "5547888" PN. 78 1 "5625217" PN. 79 1 "5710449" PN. 80 1 "574048" PN. 80 1 "5780912" PN. 81 1 "5780912" PN. 82 1 "5780978" PN. 83 1 "580447" PN. 84 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 85 2 (floating adj (gate or electrode)) and "6008080" 86 1 (floating adj (gate or electrode)) and "6303454"			: US-PGPUB	2002/12/
7.1 21 (floating adj (gate or electrode)) and (((middle or center) with drain) with (n\$1type or (n ad 72 31 (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or 5 (floating adj (gate or electrode)) and (burr.in.) 7.4 6 (floating adj (gate or electrode)) and ("5622880" "5719422") 7.5 1 "5472898" PN. 7.6 1 "5514880" PN. 7.7 1 "5547888" PN. 7.8 1 "5625217" PN. 7.9 1 "5710449" PN. 8.0 1 "574839" PN. 8.1 1 "5780912" PN. 8.2 1 "5789787" PN. 8.3 1 "5804477" PN. 8.4 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 8.5 2 (floating adj (gate or electrode)) and "6008080" 8.6 1 (floating adj (gate or electrode)) and "6008080"			: US-PGPUB	2002/12/
72 31 (floating adj (gate or electrode)) and ((multi or multiple) adj (ion or implant or implanting or 73 5 (floating adj (gate or electrode)) and (burr.in.) 74 6 (floating adj (gate or electrode)) and ("5622880" "5719422") 75 1 "5514880" PN. 76 1 "5514880" PN. 77 1 "5547888" PN. 78 1 "5625217" PN. 79 1 "5710449" PN. 90 1 "5748839" PN. 91 1 "5748839" PN. 92 1 "5789912" PN. 93 1 "5789787" PN. 93 1 "580912" PN. 94 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 95 2 (floating adj (gate or electrode)) and "6008080"			: US-PGPUB	2002/12/
73 5 (floating adj (gate or electrode)) and (burr.in.) 74 6 (floating adj (gate or electrode)) and ("5622880" "5719422") 75 1 "5472899" PN. 76 1 "5514880" PN. 77 1 "5547888" PN. 78 1 "5625217" PN. 79 1 "5710449" PN. 90 1 "5744839" PN. 81 1 "574889" PN. 82 1 "5789912" PN. 83 1 "5789787" PN. 83 1 "5789787" PN. 84 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 85 2 (floating adj (gate or electrode)) and "6008080"			; US-PGPUB	2002/12/
74 6 (floating adj (gate or electrode)) and ("5622880" "5719422") 75 1 "5472898" PN. 76 1 "5514880" PN. 77 1 "5547888" PN. 78 1 "5625217" PN. 79 1 "5710448" PN. 90 1 "5744839" PN. 91 1 "5789912" PN. 92 1 "5789912" PN. 92 1 "5789787" PN. 93 1 "5804477" PN. 94 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 95 2 (floating adj (gate or electrode)) and "6008080"			: US-PGPUB	2002/12/
75 1 "5472899" PN. 76 1 "5514880" PN. 77 1 "5547888" PN. 78 1 "5625217" PN. 79 1 "5710449" PN. 80 1 "5744839" PN. 81 1 "5789912" PN. 82 1 "5789787" PN. 83 1 "5804477" PN. 83 1 "5804477" PN. 84 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 85 2 (floating adj (gate or electrode)) and "6008080" 86 1 (floating adj (gate or electrode)) and "6303454"		T	; US-PGPUB	2002/12/
76 1 "5514980".PN. 77 1 "5547988".PN. 78 1 "5625217".PN. 79 1 "5710449".PN. 80 1 "5744839".PN. 81 1 "5780912".PN. 92 1 "5789787".PN. 93 1 "5804477".PN. 94 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 85 2 (floating adj (gate or electrode)) and "6008080" 86 1 (floating adj (gate or electrode)) and "6303454"		USPAT		2002/12/
77 1 "5547988".PN. 78 1 "5625217".PN. 79 1 "5710449".PN. 90 1 "5744839".PN. 81 1 "5780812".PN. 92 1 "5789787".PN. 93 1 "5804477".PN. 94 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 95 2 (floating adj (gate or electrode)) and "6008080" 96 1 (floating adj (gate or electrode)) and "6303454"		USPAT		2002/12/
78 1 "5625217" PN. 79 1 "5710448" PN. 80 1 "5744839" PN. 81 1 "5789912" PN. 82 1 "5789787" PN. 83 1 "5894477" PN. 84 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 85 2 (floating adj (gate or electrode)) and "6008080" 86 1 (floating adj (gate or electrode)) and "6303454"		USPAT	***************************************	2002/12/
79 1 "5710449" PN. 90 1 "5744839" PN. 81 1 "5780912" PN. 92 1 "5789787" PN. 93 1 "5804477" PN. 94 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 85 2 (floating adj (gate or electrode)) and "6008080" 96 1 (floating adj (gate or electrode)) and "6303454"		USPAT		2002/12/
90 1 "5744839".PN. 81 1 "5780912".PN. 92 1 "5789787".PN. 93 1 "5804477".PN. 94 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 95 1 (floating adj (gate or electrode)) and "6008080"		USPAT		2002/12/
81 1 "5780912".PN. 92 1 "5789787".PN. 93 1 "5804477".PN. 94 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 95 2 (floating adj (gate or electrode)) and "6008080" 96 1 (floating adj (gate or electrode)) and "6303454"		USPAT		2002/12/
92 1 "5789787".PN. 93 1 "5804477".PN. 94 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 95 2 (floating adj (gate or electrode)) and "6008080" 96 1 (floating adj (gate or electrode)) and "6303454"		USPAT		2002/12/
83 1 "5804477".PN. 84 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 85 2 (floating adj (gate or electrode)) and "6008080" 86 1 (floating adj (gate or electrode)) and "6303454"		USPAT		2002/12/
84 10 (floating adj (gate or electrode)) and ("5650340" "5773863" "5780912") 85 2 (floating adj (gate or electrode)) and "6008080" 88 1 (floating adj (gate or electrode)) and "6303454"		USPAT		2002/12/
85 2 (floating adj (gate or electrode)) and "6008080" 86 1 (floating adj (gate or electrode)) and "6303454"			; US-PGPUB	2002/12/
88 1 (floating adj (gate or electrode)) and "6303454"			: US-PGPUB	2002/12/
97.0 .: (fination adi (nota or alactroda)) and (doning or impurity) adi hapacith adi curfaca)			: US-PGPUB	2002/12/
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Hits	Search Text	DBs	Time 8
97 0	(floating adj (gate or electrode)) and ((doping or impurity) adj beneath adj surface)	USPAT; US-PGPUB	2002/12
		USPAT; US-PGPUB	2002/12
89 1		USPAT	2002/12
90 1	*5380670*.PN.	USPAT	2002/12
91 1		USPAT	2002/12
92 1	((floating adj (gate or electrode)) and "4775642") and ((lateral or laterally) with (diffuse or movement or diffusion or diffusing or		2002/12
93 15	(floating adj (gate or electrode)) and (drain with protrusion)	USPAT; US-PGPUB	2002/12
	((floating adj (gate or electrode)) and (drain with extension)) and ((lateral or laterally) with (diffuse or movement or diffusion or dif		2002/12
95 11	(floating adj (gate or electrode)) and ((lateral or laterally) with (diffuse or movement or diffusion or diffusing or diffused or migrati	USPAT; US-PGPUB	2002/12
	((floating adj (gate or electrode)) and ((lateral or laterally) with (diffuse or movement or diffusion or diffusing or diffused or migrat		2002/12
97 13	(floating adj (gate or electrode)) and (drain with protruding)	USPAT; US-PGPUB	2002/12
98 3	(floating adj (gate or electrode)) and ((lateral or laterally) with (diffuse or movement or diffusion or diffusing or diffused or migrati	USPAT; US-PGPUB	2002/12
	(floating adj (gate or electrode)) and ((lateral or laterally) with (diffuse or movement or diffusion or diffusing or diffused or migrati		2002/12
		USPAT; US-PGPUB	2002/12
101 13	(floating adj (gate or electrode)) and (lower with corner with drain) ((floating adj (gate or electrode)) or ((non\$1volatile or (non adj volatile)) with (memory or semiconductor))) and (lower with cor	USPAT; US-PGPUB	2002/12
102 4	((floating adj (gate or electrode)) or ((non\$1volatile or (non adj volatile)) with (memory or semiconductor))) and (lower with cor	EPO; JPO; DERWENT; IBM	2002/12
103 5	" 5646430"	USPAT; US-PGPUB	2002/12
104 23	"5264384"	USPAT; US-PGPUB	2002/12
	5254384 ((floating adj (gate or electrode)) or ((non\$1volatile or (non adj volatile)) with (memory or semiconductor))) and(corner with dr	EPO; JPO; DERWENT; IBM	2002/12
106 1		USPAT; US-PGPUB	2002/12
		USPAT; US-PGPUB	2002/12
	At a second control of the second control of	USPAT; US-PGPUB	2002/12
	National Control of the Control of t	USPAT; US-PGPUB	2002/12
	A 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USPAT; US-PGPUB	2002/12
	Annani 4 4 Manani ani ani ani ani ani ani ani ani an	USPAT; US-PGPUB	2002/12
112 7	N	USPAT; US-PGPUB	2002/12
		USPAT; US-PGPUB	2002/12
		USPAT; US-PGPUB	2002/12
		USPAT; US-PGPUB	2002/12
		USPAT; US-PGPUB	2002/12
117 7		USPAT; US-PGPUB USPAT: US-PGPUB	2002/12
		USPAT: US-PGPUB	2002/12
118 1 120 9		USPAT: US-PGPUB	2002/12
		USPAT: US-PGPUB	2002/12
		USPAT: US-PGPUB	2002/12
	(floating adj (gate or electrode)) and (second adj drain) and (vertical with (non\$1volatile or eprom or eeprom or (non adj volatile)		2002/12
	(floating adj (gate or electrode)) and (pocket with drain)) and ((below or beneath or under) with (pocket) with (drain or surface))		2002/12
	((notting ad) (gate or electrode)) and (pocket with drain)) and ((below or beneath or under) with (pocket) with (drain or surface)).		
		USPAT: US-PGPUB	2002/12
		USPAT: US-PGPUB	2002/12
128 1		USPAT	2002/12
129 1		USPAT	2002/12
330 1		IICDAT	200243
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Hits		DBs	Time 8t
111 7	(floating adj (gate or electrode)) and (*5349225*	USPAT; US-PGPUB	2002/12/
112 7	(non\$1volatile or (non adj volatile)) and (*5349225*	USPAT; US-PGPUB	2002/12
113 2	((non\$1volatile or (non adj volatile)) and ("5349225"	USPAT; US-PGPUB	2002/12/
114 0	64440788.pn.	USPAT; US-PGPUB	2002/12/
115 1	6440788.pn.	USPAT; US-PGPUB	2002/12/
116 17	("4050965"	USPAT; US-PGPUB	2002/12
117 7	*5552624 *	USPAT; US-PGPUB	2002/12
118 11	(floating adj (gate or electrode)) and ((second adj drain) with (lower))	USPAT; US-PGPUB	2002/12
119 1	(floating adj (gate or electrode)) and (sub\$1channel or (sub adj channel)) and (second adj drain)	USPAT; US-PGPUB	2002/12
120 9	(floating adj (gate or electrode)) and (doping adj channel) and (second adj drain)	USPAT; US-PGPUB	2002/12
121 21	(floating adj (gate or electrode)) and ((below or beneath or under) with (second adj drain))	USPAT; US-PGPUB	2002/12/
122 15	(floating adj (gate or electrode)) and ((below or beneath or under) with (second adj drain) with ((first adj drain) or surface))	USPAT; US-PGPUB	2002/12/
123 14	(floating adj (gate or electrode)) and (second adj drain) and (vertical with (non\$1 volatile or eprom or eeprom or (non adj volatile)	USPAT; US-PGPUB	2002/12/
124 13	((floating adj (gate or electrode)) and (pocket with drain)) and ((below or beneath or under) with (pocket) with (drain or surface))	USPAT; US-PGPUB	2002/12/
125 0	((floating adj (gate or electrode)) and (pocket with drain)) and ((below or beneath or under) with (pocket) with (drain or surface))	EPO; JPO; DERWENT; IBM_	
128 6	((floating adj (gate or electrode)) and (halo with drain)) and ((below or beneath or under) with (halo) with (drain or surface))	USPAT; US-PGPUB	2002/12/
127 3	((floating adj (gate or electrode)) and (halo with drain)) and ((below or beneath or under) adj drain)	USPAT; US-PGPUB	2002/12/
129 1	*4868619*.PN.	USPAT	2002/12/
129 1	*4939558*.PN.	USPAT	2002/12/
130 1	*5422506*.PN.	USPAT	2002/12/
131 1	"5548143".PN.	USPAT	2002/12/
132 12	"6340377"	JPO; DERWENT	2002/12
133 7	"6340377"	DERWENT	2002/12/
134 5	*6340377*	JPO	2002/12/
135 2	"6048770"	USPAT; US-PGPUB	2002/12/
136 12	*5691560*	USPAT; US-PGPUB	2002/12/
137 4	(floating adj (gate or electrode)) and "5780902"	USPAT; US-PGPUB	2002/12
138 6	(floating adj (gate or electrode)) and "5691560"	USPAT; US-PGPUB	2002/12/
139 20	(floating adj (gate or electrode)) and (region adj (below or beneath or under) adj drain)	USPAT; US-PGPUB	2002/12/
140 9	("6278154"	USPAT; US-PGPUB	2002/12/
141 4	((floating adj (gate or electrode)) and (pocket with drain)) and ((below or beneath or under) adj drain)	USPAT; US-PGPUB	2002/12
	(("6278154"	USPAT; US-PGPUB	2002/12/
143 2	(SUGIYAMA and ODANAKA and FUJIMOTO and OGURA).in.	USPAT; US-PGPUB	2002/12/
144 21	*466541 8*	USPAT; US-PGPUB	2002/12/
	(drain with (electric\$1 field or (electric adj field))) and (floating adj (gate or electrode)) and ((257/314.ccls.) or (257/315.ccls.)) an		2002/12/
	*5264384 *	USPAT; US-PGPUB	2002/12/
	("5646430"	USPAT; US-PGPUB	2002/12
	"5646430"	USPAT; US-PGPUB	2002/12
148 2	"5646430"	EPO; DERWENT	2002/12
	11345888	JPO; DERWENT	2002/12
151 8	(hori and kato and odanaka).in.	USPAT; US-PGPUB	2002/12
	((hori and kato and odanaka).in.) not ((atsushi and junichi and shinji).in.)	USPAT; US-PGPUB	2002/12
153 14	(hori and kato and odanaka).in.	EPO; JPO; DERWENT; IBM_	2002/12
*1			
A Stratum	ner Michiganier Alfoline Addition / ift Cinagli Cinig Blint Brita		
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